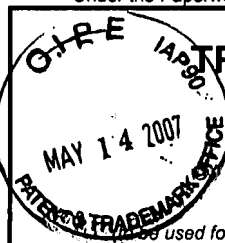
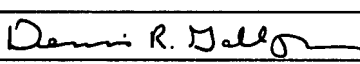
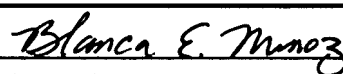


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 TRANSMITTAL FORM <small>Use for all correspondence after initial filing)</small>	Application Number	10/784,882	
	Filing Date	February 24, 2004	
	First Named Inventor	Mitsushige SUZUKI	
	Art Unit	3662	
	Examiner Name	Isam A. Alsomiri	
Total Number of Pages in This Submission	12	Attorney Docket Number	056203.53286US

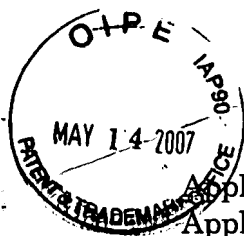
ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form (in duplicate) <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Documents <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Under 37 C.F.R. 1.182 and 1.183 <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) ____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (<i>Appeal Notice, Brief, Reply Brief</i>) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (<i>please identify below</i>): 1. Copy of Notice of Recordation of Assignment Document 2. Request for Certificate of Correction and Certificate of Correction Form 3. Credit Card Payment Form PTO-2038 in the amount of \$230.00 4. Postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	CROWELL & MORING LLP		
Signature			
Printed Name	Dennis R. Gallagher		
Date	May 10, 2007	Reg. No.	42,563

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.	
Signature	
Typed or printed name	Blanca E. Munoz
Date	May 10, 2007

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/784,882 Confirmation No. : 9944
Applicant : Mitsushige SUZUKI, et al.,
Filed : February 24, 2004
TC/A.U. : 3662
Examiner : Isam A. Alsomiri
Docket No. : 056203.53286US
Customer No. : 23911
Title : Millimeter Wave-Radar and Method For Manufacturing
The Same
Patent No. : 7,124,525 Issued: October 24, 2006

**REQUEST FOR CERTIFICATE OF CORRECTION
UNDER 37 C.F.R. 1.323**

ATTN: Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

It is respectfully requested that the attached Certificate of Correction be entered in the above-referenced patent to correct the name of the assignees. The requested correction concerns a minor mistake of a clerical nature and does not involve a change in the patent as would constitute new matter or would require reexamination of the patent.

In support of this request, Patentees' separately address each of the three (3) requirements of MPEP § 1481.01 for Correction of Assignee's Names:

1. The above-referenced patent has been duly and properly assigned to the following assignee:

Hitachi, Ltd.
6, Kanda Surugadai 4-chome
Chiyoda-ku, Tokyo, Japan;

05/14/2007 SPELEK1 00000040 7124525

01 FC:1464

130.00 DP

05/14/2007 SPELEK1 00000040 7124525 100.00 DP

As required under MPEP § 1481.01(A), a copy of the assignment document was recorded with the U.S. Patent and Trademark Office at Reel 017247, Frame 0829, on November 25, 2005, which is prior to the October 24, 2006 issue date of the patent. A copy of the Notice of Recordation and the attached Assignment is submitted herewith.

2. As required under MPEP § 1481.01(B), this paper is a request for certificate of correction under 37 C.F.R. 1.323, and the required fee set forth in 37 C.F.R. §1.20(a) in the amount of \$100.00 is submitted herewith. Due to a clerical mistake, both Hitachi, Ltd. and Hitachi Car Engineering Co., Ltd. were identified as an assignees on Form PTOL-85, Issue Fee Transmittal. Patentees hereby request that the patent be corrected in accordance with the attached Certificate of Correction to correctly state the name of the assignee.

3. As required under MPEP § 1481.01(C), the processing fee set forth in 37 C.F.R. § 1.17(i) in the amount of \$130.00 is also submitted herewith.

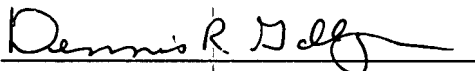
In the event that further information or documentation is needed in order to process this Request for Certificate of Correction, a telephone call to the undersigned counsel would be greatly appreciated.

Please charge any additional fee or credit any overpayment to the Deposit Account of Crowell & Moring, LLP, Account No. 05-1323 (Docket No.: 056203.53286US).

Respectfully submitted,

CROWELL & MORING LLP

Dated: May 10, 2007


Dennis R. Gallagher
Registration No. 42,563

Attachments

Intellectual Property Group
P.O. Box 14300
Washington, DC 20044-4300
Telephone No.: (202) 624-2500
Facsimile No.: (202) 628-8844

CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8A)

I hereby certify that this correspondence is, on the date shown below, being:

MAILING

☒ deposited with the United States Postal Service as first class mail in an envelope addressed to: Certificate of Correction Branch, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

FACSIMILE

☐ transmitted by facsimile to the Patent and Trademark Office.

Blanca E. Munoz May 10, 2007
Blanca E. Munoz Date

2836739

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

Page 1 of 1

PATENT NO. : 7,126,525
APPLICATION NO.: 10/784,882
ISSUE DATE: October 24, 2006
INVENTOR(S): Mitsushige Suzuki, Kazuaki Takano

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page:

Item [73], Assignees: Change "Hitachi, Ltd., Tokyo (JP); Hitachi Car Engineering Co., Ltd., Ibaraki-ken (JP)" to

-- Hitachi, Ltd., Tokyo, Japan --

MAILING ADDRESS OF SENDER (Please do not use customer number below):

**Crowell & Moring LLP
Intellectual Property Group
P.O. Box 14300
Washington, DC 2004-4300**

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, PO Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MARCH 03, 2006

PTAS



103128775A

CROWELL & MORING LLP
INTELLECTUAL PROPERTY GROUP
P.O. BOX 14300
WASHINGTON, D.C. 20044-4300

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 11/25/2005

REEL/FRAME: 017247/0829
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: 056203.53286US

ASSIGNOR:

HITACHI CAR ENGINEERING CO., LTD. DOC DATE: 11/15/2005

ASSIGNEE:

HITACHI, LTD.
6, KANDA SURUGADAI 4-CHOME,
CHIYODA-KU, TOKYO, JAPAN

SERIAL NUMBER: 10784882

FILING DATE: 02/24/2004

PATENT NUMBER:

ISSUE DATE:

TITLE: MILLIMETER WAVE-RADAR AND METHOD FOR MANUFACTURING THE SAME

017247/0829 PAGE 2

ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

RECORDATION FORM COVER SHEET
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Attorney Docket No. 056203.53286US

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Hitachi Car Engineering Co., Ltd.



2. Name and address of receiving party(ies)

Hitachi, Ltd.
6, Kanda Surugadai 4-chome,
Chiyoda-ku, Tokyo, Japan

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

Execution Date: November 15, 2005

Additional name(s) & address(es) attached? ☐ yes ☒ no

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

10/784,882

B. Patent No(s).

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom
correspondence concerning document
should be mailed:

Crowell & Moring LLP
Intellectual Property Group
P.O. Box 14300
Washington, D.C. 20044-4300

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41): \$ 40.00

☒ Enclosed. Please charge any underpayment in connection
with this Assignment to Deposit Account No. 05-1323

☐ Authorized to be charged to Deposit Account

8. Deposit Account No.

(Attach dupl. copy of this page if paying by Deposit Account)

DO NOT USE THIS SPACE

9. Statement and Signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.


Name: George L. Fountain. Reg. No. 36,374

November 22, 2005
Date

TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS, AND DOCUMENT:

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned has sold and assigned, and by these presents hereby sells and assigns, unto:

Hitachi, Ltd.
6, Kanda Surugadai 4-chome,
Chiyoda-ku, Tokyo, Japan

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to its invention relating to:

MILLIMETER WAVE-RADAR AND METHOD FOR MANUFACTURING THE SAME

as set forth in its United States Patent Application, Serial No. 10/784,882, filed February 24, 2004.


in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States, which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made.

The undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters patent to said ASSIGNEE, its successors or assigns in accordance herewith.

The undersigned warrants and covenants that it has the full and unencumbered right to sell and assign the interests herein sold and assigned and that it has not executed and will not execute any document or instrument in conflict herewith.

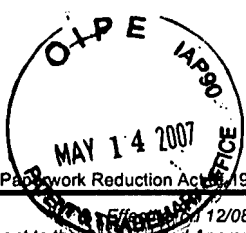
The undersigned further covenants and agrees it will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to it relating to said invention or patent application and that it will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention.

The undersigned hereby grants the firm of CROWELL & MORING L.L.P., or any partner thereof, the power to insert into this Assignment any further identification, which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.


Hitachi Car Engineering Co., Ltd.
2477, Takaba, Hitachinaka-shi,
Ibaraki-ken, Japan
Name: Shunichi SHIINA
Titile: President

11/15/105
(Date)

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.



PTO/SB/17 (07-06)

Approved for use through 01/31/2007. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Fees pursuant to the Continued Appropriations Act, 2005 (H.R. 4818).
Fees pursuant to the Continued Appropriations Act, 2005 (H.R. 4818).**FEE TRANSMITTAL**
For FY 2006☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 230.00

Complete if Known

Application Number	10/784,882
Filing Date	February 24, 2004
First Named Inventor	Mitsushige SUZUKI
Examiner Name	Isam A. Alsomiri
Art Unit	3662
Attorney Docket No.	056203.53286US

METHOD OF PAYMENT (check all that apply)☐ Check ☒ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____☒ Deposit Account Deposit Account Number: 05-1323 Deposit Account Name: Crowell & Moring LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES**Fee Description**

	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
- 20 or HP =	x	=	

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
- 3 or HP =	x	=	

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x	=	

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Processing Fee (\$130); Correction Fee (\$100)

Fees Paid (\$)

\$230.00

SUBMITTED BY

Signature		Registration No. (Attorney/Agent) 42,563	Telephone 949-263-8400
Name (Print/Type)	Dennis R. Gallagher		Date May 10, 2007

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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